

# EAST

L Number	Hits	Search Text	DB	Time stamp
1	4217	piezo\$7 with (laminat\$4 or layer\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 08:43
2	15	piezo\$7 with (laminat\$4 or layer\$4) and (pedal)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:44
3	552	piezo\$7 with (laminat\$4 or layer\$4) with transducer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 08:46
4	0	piezo\$7 with (laminat\$4 or layer\$4) with transducer with foot	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 08:47
5	9	piezo\$7 with (laminat\$4 or layer\$4) with foot	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 08:49
6	1	6291929.pn.	USPAT; US-PGPUB	2004/05/10 08:48
7	4	("4633120"   "5237239"   "5266862"   "5438232").PN.	USPAT	2004/05/10 08:48
8	168	piezo\$7 with (laminat\$4 or layer\$4) with parallel	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 08:50
9	4	piezo\$7 with (laminat\$4 or layer\$4) with parallel with wires	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 08:51
10	0	piezo\$7 with (laminat\$4 or layer\$4) with parallel with shoe	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 08:51
11	0	piezo\$7 with (laminat\$4 or layer\$4) with parallel with shoe	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 08:51
12	34	piezo\$7 with (laminat\$4 or layer\$4) with parallel with plate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:24
13	1	2003-789857.NRAN.	DERWENT	2004/05/10 08:56
14	2	"4029972" near2 de	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:23
15	1	"3940619" near2 de	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:09
16	0	"10225405" near2 de	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:19
17	1	1990-107582.NRAN.	DERWENT	2004/05/10 09:07
18	2	("4649313" or ("4471256")).PN.	USPAT; US-PGPUB	2004/05/10 09:09
19	13	(US-5810107-\$ or US-5709435-\$ or US-5626402-\$ or US-5620236-\$ or US-5503468-\$ or US-4901055-\$ or US-3558793-\$ or US-3934940-\$ or US-5263771-\$ or US-5438232-\$ or US-4649313-\$ or US-4471256-\$).did. or (WO-200100467-\$).did.	USPAT; DERWENT	2004/05/10 09:19

20	1	"79607" near2 wo	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:21
21	2	ep near2 "844678"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:22
22	4	ep near2 "1065735"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:22
23	2	"4029972" near2 de	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:23
24	61	piezo\$7 with (laminat\$4 or layer\$4) with parallel with electrodes!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:13
25	0	piezo\$7 with (laminat\$4 or layer\$4) with parallel with electrodes! with poll	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:26
26	0	piezo\$7 with (laminat\$4 or layer\$4) with parallel with electrodes! with average	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:26
27	1	piezo\$7 with (laminat\$4 or layer\$4) with parallel with electrodes! with force	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:38
28	0	piezo\$7 with (laminat\$4 or layer\$4) with parallel with electrodes! with averag\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:38
29	0	piezo\$7 with (laminat\$4 or layer\$4) with parallel with electrodes! with pins!	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:36
30	1	("5406164").PN.	USPAT; US-PGPUB	2004/05/10 09:43
31	2	"07106655"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 09:45
32	1	1996-300804.NRAN.	DERWENT	2004/05/10 09:50
33	43	piezo\$7 with (laminat\$4 or layer\$4) with parallel and 310/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:22
34	25	piezo\$7 with (laminat\$4 or layer\$4) and (188/\$.ccls. or 303/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:25
35	7	pressure adj sensitive with (laminat\$4 or layer\$4) and (188/\$.ccls. or 303/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:27
36	8	brak\$4 adj pedal with (laminat\$4 or layer\$4) and (188/\$.ccls. or 303/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:30
37	2700	brak\$4 adj pedal with electric\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:30

38	632	brak\$4 adj pedal with electric\$5 with sensor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:31
39	632	brak\$4 adj pedal with electric\$5 with sensor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:31
40	29	(brak\$4 adj pedal with electric\$5 with sensor ) and 188/156-158.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:36
41	737	188/156-158.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:36
43	44	piezo\$7 same (braking or brake)	USOCR	2004/05/10 10:41
44	0	piezo\$7 same (braking or brake) same pedal	USOCR	2004/05/10 10:41
45	35	piezo\$7 same (braking or brake) same pedal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 10:41
46	1	6179390.pn.	USPAT; US-PGPUB	2004/05/10 10:49
47	0	6179390.pn. and piez\$6	USPAT; US-PGPUB	2004/05/10 10:49
48	21271	piez\$6	USPAT; US-PGPUB	2004/05/10 10:49
-	8	CLAERHOUT	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 08:14
-	1	2001-112403.NRAN.	DERWENT	2002/07/11 10:35
-	6	((("5503468") or ("5810107") or ("5626402") or ("5620236") or ("5709435") or ("5382085"))).PN.	USPAT;	2002/07/11 10:37
-	62	(laminant or laminat\$6) same (pressure or force) adj2 (sensitive or responsive) same sensor	US-PGPUB	2004/05/06 13:06
-	5218	(laminant or laminat\$6) same (pressure or force) adj2 (sensitive or responsive)	USPAT; US-PGPUB	2002/07/11 11:39
-	0	((laminant or laminat\$6) same (pressure or force) adj2 (sensitive or responsive) ) and 303/7,123.ccls.	USPAT; US-PGPUB	2002/07/11 11:39
-	695	303/7,123.ccls.	USPAT; US-PGPUB	2002/07/11 11:39
-	0	((laminant or laminat\$6) same (pressure or force) adj2 (sensitive or responsive) ) and (303/\$.ccls. or 188/\$.ccls.)	USPAT; US-PGPUB	2002/07/11 11:39
-	0	((laminant or laminat\$6) same (pressure or force) adj2 (sensitive or responsive) ) same pad same brak\$4 same pedal	USPAT; US-PGPUB	2002/07/11 11:40
-	0	((laminant or laminat\$6) same (pressure or force) adj2 (sensitive or responsive) ) same brak\$4 same pedal	USPAT; US-PGPUB	2002/07/11 11:40
-	1	((laminant or laminat\$6) same (pressure or force) adj2 (sensitive or responsive) ) same pedal	USPAT; US-PGPUB	2002/07/11 11:41
-	153	pressure same pad same sensor same brak\$3	USPAT; US-PGPUB	2002/07/11 11:50
-	2	((("5115162") or ("4295687"))).PN.	USPAT; US-PGPUB	2002/07/11 11:45
-	3	5115162.URPN.	USPAT	2002/07/11 11:45
-	6	("3239696"   "3395485"   "4190785"   "4521712"   "4618797"   "4857887").PN.	USPAT	2002/07/11 11:46
-	462	188/112\$.ccls.	USPAT; US-PGPUB	2002/07/11 11:50
-	40	188/112\$.ccls. and time same force same (towed or trailer) same brak\$4	USPAT; US-PGPUB	2002/07/11 11:52
-	6	188/112\$.ccls. and time same force same (towed or trailer) same brak\$4 same independent\$3	USPAT; US-PGPUB	2002/07/11 12:18
-	40	188/112\$.ccls. and time same force same (towed or trailer) same brak\$4	USPAT; US-PGPUB	2002/07/11 12:19
-	1	303/7.ccls. and time same force same (towed or trailer) same brak\$4 same independent\$4 near4 (tow or tractor or towing)	USPAT; US-PGPUB	2002/07/11 12:45

-	7	303/7.ccls. and time same (towed or trailer) same brak\$4 same independent\$4 near4 (tow or tractor or towing)	USPAT; US-PGPUB	2002/07/11 12:48
-	695	303/7,123.ccls.	USPAT; US-PGPUB	2002/07/11 12:49
-	100	188/3h.ccls.	USPAT; US-PGPUB	2002/07/11 12:49
-	373	188/3h,3r.ccls.	USPAT; US-PGPUB	2002/07/11 12:50
-	850	303/20.ccls.	USPAT; US-PGPUB	2002/07/11 12:50
-	946	303/2-3.ccls.	USPAT; US-PGPUB	2002/07/11 12:50
-	462	188/112\$2.ccls.	USPAT; US-PGPUB	2002/07/11 12:50
-	2018	(tow or towing or tractor) same (trailer or towed) same brak\$4	USPAT; US-PGPUB	2002/07/11 12:51
-	125	((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) and (controller or ECU)	USPAT; US-PGPUB	2002/07/11 12:55
-	351	((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor)	USPAT; US-PGPUB	2002/07/11 12:56
-	153	((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) ) and 188/\$.ccls.	USPAT; US-PGPUB	2002/07/11 12:56
-	80	((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) and (controller or ECU)) not (((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) ) and 188/\$.ccls. )	USPAT; US-PGPUB	2002/07/11 13:11
-	193	((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) ) and 303/\$.ccls. not (((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) and (controller or ECU)) not (((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) ) and 188/\$.ccls. ))	USPAT; US-PGPUB	2002/07/11 13:12
-	68	((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) ) and 303/\$.ccls. not (((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) and (controller or ECU)) not (((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) ) and 188/\$.ccls. ))) not (((tow or towing or tractor) same (trailer or towed) same brak\$4) and (pedal or treadle) same (resistor or force or transducer or resistive or sensor) ) and 188/\$.ccls. )	USPAT; US-PGPUB	2002/07/11 13:13
-	1	("6417773").PN.	USPAT; US-PGPUB	2002/07/15 09:12
-	2	"20020093245"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/17 08:48
-	967	brak\$4 same piezo\$8	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/16 13:54
-	2	"20020093245"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/19 14:01
-	1	"20020093245" and static	USPAT; US-PGPUB	2003/04/17 08:56

-	2087	(piezo\$8) same static	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 08:59
-	968	(piezo\$8) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 08:57
-	209	(piezo\$8) same (pedal or treadle)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 08:57
-	0	((piezo\$8) same static) same ((piezo\$8) same brak\$4 ) same ((piezo\$8) same (pedal or treadle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 08:59
-	17	(piezo\$8) same rigid\$4 same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 08:59
-	6	(piezo\$8) same static same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 09:00
-	114	((piezo\$8) same brak\$4 ) same ((piezo\$8) same (pedal or treadle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:00
-	3	5115162.URPN.	USPAT	2003/04/17 10:22
-	1	6179390.URPN.	USPAT	2003/04/17 10:23
-	1	2001-112403.NRAN.	DERWENT	2003/04/17 10:34
-	1	2001-112403.NRAN.	DERWENT	2003/04/17 10:35
-	1	1999-304128.NRAN.	DERWENT	2003/04/17 10:35
-	1	1997-335451.NRAN.	DERWENT	2003/04/17 10:35
-	1	1997-335451.NRAN.	DERWENT	2003/04/17 10:36
-	3	5115162.URPN.	USPAT	2003/04/17 10:37
-	1	("4901055").PN.	USPAT; US-PGPUB	2003/04/17 10:38
-	4	4901055.URPN.	USPAT	2003/04/17 10:38
-	21	("3171914"   "3171917"   "3395388"   "3497871"   "3596020"   "3601796"   "3701903"   "3763975"   "3846599"   "3881078"   "3911394"   "3912892"   "3921750"   "4021775"   "4055090"   "4173012"   "4333070"   "4686503"   "4712098"   "4737767"   "4788526").PN.	USPAT	2003/04/17 10:39
-	209	((piezo\$8) same (pedal or treadle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 10:54
-	114	((piezo\$8) same brak\$4 ) same ((piezo\$8) same (pedal or treadle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 10:55
-	95	((((piezo\$8) same (pedal or treadle))) not (((piezo\$8) same brak\$4 ) same ((piezo\$8) same (pedal or treadle)) )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 10:56
-	1	1999-477016.NRAN.	DERWENT	2003/04/17 10:59
-	1	1999-477016.NRAN.	DERWENT	2003/04/17 10:59

-	8665	piezo\$8 same laminat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:01
-	521	(piezo\$8 same laminat\$4) same (sensor or pressure adj sensitive)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:05
-	7	(piezo\$8 same laminat\$4) same sensor same pressure adj sensitive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 13:28
-	521	((piezo\$8 same laminat\$4) same (sensor or pressure adj sensitive)) same (layer or layered or lamin\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:08
-	3054	piezo\$8 same (layer or layered or lamin\$7) same (sensor or sensing or pressuresensitive or pressure adj sensitive)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:12
-	3	(piezo\$8 same (layer or layered or lamin\$7) same (sensor or sensing or pressuresensitive or pressure adj sensitive)) same pedal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:10
-	15	(piezo\$8 same (layer or layered or lamin\$7) same (sensor or sensing or pressuresensitive or pressure adj sensitive)) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:11
-	0	piezo\$8 same (layer or layered) same lamin\$7 same (sensor or sensing or pressuresensitive or pressure adj sensitive) same (protrusions! or projections!) same (holes! or openings! or apertures!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:15
-	197	piezo\$8 same (layer or layered) same lamin\$7 same (sensor or sensing or pressuresensitive or pressure adj sensitive)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:21
-	44	piezo\$8 same (layer or layered) same lamin\$7 same (sensor or sensing or pressuresensitive or pressure adj sensitive) same plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:16
-	9	(piezo\$8 same (layer or layered) same lamin\$7 same (sensor or sensing or pressuresensitive or pressure adj sensitive)) and 29/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/17 11:22
-	0	(piezo\$8 same laminat\$4) same sensor same pressure adj sensitive	USOCR	2003/04/17 13:30
-	285	piezo\$8 same sensor	USOCR	2003/04/17 13:30
-	77	piezo\$8 same brak\$4	USOCR	2003/04/17 13:31
-	40	piezo same brak\$4	USOCR	2003/04/17 13:32
-	38	piezo same (brake or braking)	USOCR	2003/04/17 13:35
-	43	piezoelectric same (brake or braking)	USOCR	2003/04/17 13:32
-	43	piezoelectric same (brake or braking)	USOCR	2003/04/17 13:32
-	0	piezosensitive same (brake or braking)	USOCR	2003/04/17 13:32
-	43	(piezoelectric same (brake or braking)) or (piezoelectric same (brake or braking) )	USOCR	2003/04/17 13:33
-	69	(piezoelectric same (brake or braking)) or (piezoelectric same (brake or braking) ) or (piezo same (brake or braking))	USOCR	2003/04/17 13:34

-	0	9	2	((piezoelectric same (brake or braking)) or (piezoelectric same (brake or braking) ) or (piezo same (brake or braking))) same pedal	USOCR	2003/04/17 13:34
-			0	((piezoelectric same (brake or braking)) or (piezoelectric same (brake or braking) ) or (piezo same (brake or braking))) same laminate	USOCR	2003/04/17 13:34
-			0	((piezoelectric same (brake or braking)) or (piezoelectric same (brake or braking) ) or (piezo same (brake or braking))) same laminant	USOCR	2003/04/17 13:34
-			5	((piezoelectric same (brake or braking)) or (piezoelectric same (brake or braking) ) or (piezo same (brake or braking))) same layer	USOCR	2003/04/17 13:34
-			0	piezo same (brake or braking) same pedal	USOCR	2003/04/17 13:35
-			48	(independently or independent) near2 (operates or operated or actuated or actuate) same (towed or trailer) near5 (brakes or braking or braked)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2003/04/19 12:02
-			58	(independently or independent) near2 (operates or operated or actuated or actuate) same (towed or trailer) near5 (brakes or braking or braked)	USOCR	2003/04/19 12:12
-			2	"20020093245"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/19 14:02
-			1	"20020093245" AND STATIC	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/19 14:02
-			1	"20020093245"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/19 14:15
-			3	"6213564"	USPAT; US-PGPUB; USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 08:13
-			1	"20020093245"	USPAT; US-PGPUB; USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 08:14
-			0	"4146866" near2 jp	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 08:18
-			147	toyota.asn. and b60t013/66.ipc.	JPO	2003/06/18 08:16
-			147	toyota.asn. and b60t013/66.ipc. and py=1992	JPO	2003/06/18 08:16
-			147	toyota.asn. and b60t013/66.ipc. and py=1992	JPO	2003/06/18 08:17
-			13	toyota.asn. and b60t013/66.ipc. and @py=1992	JPO	2003/06/18 08:17
-			1	JP404146866A	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 08:19
-			1	4146866.URPN.	USPAT	2003/06/18 08:18
-			1	MORIKAWA.in. and ISHIKAWA.in. and TAKEBAYASHI.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 08:19
-			3	(brake or braking) same (laminated or lamination) same (towing or towed)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 11:16
-			34	(brake or braking) same (laminated or lamination) near5 (pad or sensitive or pedal)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 11:13
-			1	(laminated or lamination) near5 (pad or sensitive) same pedal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 11:13

-	0	(brake or braking) same (towing or towed) same (layers! or sheets!) near3 pedal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 11:19
-	1	(brake or braking) same (layers! or sheets!) near3 pedal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 11:19
-	949	(brake or braking) same (laminated or lamination)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 08:43
-	14	(brake or braking) same (laminated or lamination) same (treadle or pedal)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 11:16
-	1	6179390.URPN.	USPAT	2003/06/18 11:17
-	17	("4295687"   "4398252"   "4804237"   "4856850"   "5076114"   "5115162"   "5294190"   "5380072"   "5438516"   "5443306"   "5449362"   "5496096"   "5503468"   "5615930"   "5620236"   "5785393"   "5800025").PN.	USPAT	2003/06/18 11:18
-	0	((("4295687"   "4398252"   "4804237"   "4856850"   "5076114"   "5115162"   "5294190"   "5380072"   "5438516"   "5443306"   "5449362"   "5496096"   "5503468"   "5615930"   "5620236"   "5785393"   "5800025").PN.) and laminant	USPAT	2003/06/18 11:18
-	0	((("4295687"   "4398252"   "4804237"   "4856850"   "5076114"   "5115162"   "5294190"   "5380072"   "5438516"   "5443306"   "5449362"   "5496096"   "5503468"   "5615930"   "5620236"   "5785393"   "5800025").PN.) and laminat\$5	USPAT	2003/06/18 11:18
-	0	((("4295687"   "4398252"   "4804237"   "4856850"   "5076114"   "5115162"   "5294190"   "5380072"   "5438516"   "5443306"   "5449362"   "5496096"   "5503468"   "5615930"   "5620236"   "5785393"   "5800025").PN.) and laminated	USPAT	2003/06/18 11:18
-	109563	laminated	USPAT	2003/06/18 11:18
-	0	((("4295687"   "4398252"   "4804237"   "4856850"   "5076114"   "5115162"   "5294190"   "5380072"   "5438516"   "5443306"   "5449362"   "5496096"   "5503468"   "5615930"   "5620236"   "5785393"   "5800025").PN.) and (layers! or sheets!) near3 pedal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 11:19
-	0	(brake or braking) same (towing or towed) same (layer or sheet) near3 pedal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/18 11:20
-	4	5115162.URPN.	USPAT	2003/06/18 11:20
-	16119	303/7.ccls. or 188/3\$.ccls.	USPAT; US-PGPUB	2003/06/18 11:22
-	937	303/7.ccls. or 188/3r,3h.ccls.	USPAT; US-PGPUB	2003/06/18 11:22
-	8	(303/7.ccls. or 188/3r,3h.ccls. ) and laminat\$5	USPAT; US-PGPUB	2003/06/18 11:24
-	4	(303/7.ccls. or 188/3r,3h.ccls. ) and piezoelectric	USPAT; US-PGPUB	2003/06/18 11:25
-	4	(303/7.ccls. or 188/3r,3h.ccls. ) and piez\$7	USPAT; US-PGPUB	2003/06/18 11:26
-	10	(brake or braking) same (sensor or transducer) same pedal same (piezo\$6)	USPAT; US-PGPUB	2003/06/18 11:27
-	7	5387898.URPN.	USPAT	2003/06/18 11:28
-	5	("3501742"   "3659260"   "4712098"   "4901055"   "4916431").PN.	USPAT	2003/06/18 11:28
-	4	(brake or braking) same (laminated or lamination) and 303/7,123.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 08:43
-	0	(brake or braking) same (laminated or lamination) and 303/7,123.ccls. and piezo\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 08:43
-	1	(US-6179390-\$.).did.	USPAT	2003/06/19 08:44
-	0	((US-6179390-\$.).did.) and piezo\$6	USPAT; US-PGPUB	2003/06/19 08:44



-	18001	piezo\$6	USPAT; US-PGPUB	2003/06/19 09:28
-	0	((US-6179390-\$).did.) and crystal\$5	USPAT; US-PGPUB	2003/06/19 09:28
-	209	(brake or braking) same (laminat\$6 or piezo\$7)	JPO	2003/08/01 10:15
-	1	jp04244470	JPO	2003/06/19 09:36
-	1	jp04244470	JPO	2003/06/19 09:36
-	0	jp404244470	JPO	2003/06/19 09:37
-	1	jp404244470A	JPO	2003/06/19 09:37
-	1	jp354155529a	JPO	2003/06/19 09:38
-	1	jp363307326a	JPO	2003/06/19 09:39
-	1	jp363307326a	JPO	2003/06/19 09:39
-	1	jp403220036a	JPO	2003/06/19 09:41
-	5	jp04244470 jp04244470 jp404244470 jp404244470A jp354155529a jp363307326a jp363307326a jp403220036a ("3171914").PN.	JPO	2003/06/19 10:36
-	1		USPAT; US-PGPUB	2003/06/19 10:37
-	0	("4173012 3921750 4888503 4021775 3912892 3911394").PN.	USPAT; US-PGPUB	2003/06/19 10:40
-	57	"4173012" "3921750" "4888503" "4021775" "3912892" "3911394"	USPAT; US-PGPUB	2003/06/19 10:40
-	12	((("4173012") or ("3921750") or ("4888503") or ("4021775") or ("3912892") or ("3911394") or ("3801796") or ("3497871") or ("3171817") or ("3881078") or ("3586020") or ("3395388"))).PN.	USPAT; US-PGPUB	2003/06/19 11:51
-	0	(brake or braking) same (laminat\$6 or piezo\$7) same (303/7.ccls. or 188/3\$.ccls. or 188/112\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 10:17
-	1713	(brake or braking) same (laminat\$6 or piezo\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 13:02
-	17	(brake or braking) same (laminat\$6 or piezo\$7) same (tow or towed or towing or trailer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 10:24
-	1	2001-112403.NRAN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 10:24
-	1150	188/269.ccls. or 188/318.ccls. or 188/315.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 10:25
-	231	(188/269.ccls. or 188/318.ccls. or 188/315.ccls.) and (air or gas) same valve same (reservoir or chamber or compartment)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 10:26

	150	("4317579" "5823558" "4266796" "4295687" "4840256" "5232271" "5238298" "5438490" "5524869" "5671937" "5954164" "6012780" "6305484" "5762167" "6152544" "4280737" "4402553" "5622241" "5819886" "4302057" "5219033" "5316110" "5411120" "5516252" "5551538" "5747683" "6100801" "3921766" "3909075" "3908782" "3895683" "3886339" "3882442" "3866719" "3840276" "3823985" "3823792" "3814218" "3796287" "4037856" "4174869" "4072362" "4082168" "4082309" "4084859" "4099790" "4122434" "4243115" "4250766" "4279162").pn. ("4286309" "4311051" "4313616" "4344636" "4348062" "4354713" "4365406" "4368926" "4370714" "4380002" "4398252" "4398771" "4405147" "4410194" "4487284" "4553789" "4553788" "4571007" "4576350" "4586866" "4756390" "4757871"	USPAT; US-PGPUB	2004/05/06 12:53
Search History	5/10/04 10:45:37 AM	Page 10		

	2	Clærhout.in. and brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:04
-	1	2001-112403.NRAN.	DERWENT	2004/05/06 13:00
-	5	"6179390"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/06 13:04
-	0	(laminant or laminat\$6) same (pressure or force) adj2 (sensitive or responsive) same sensor same pedal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:06
-	6	(laminant or laminat\$6) same sensor same pedal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:21
-	6751	(pressure or load or force) with sensor same pedal with pedal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:28
-	2669	(pressure or load or force) with sensor with pedal with brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:29
-	33	(pressure or load or force) with sensor with pedal with brak\$4 with (tractor ot trailer or towing or towed)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:54
-	2	6179390.URPN.	USPAT	2004/05/06 13:31
-	17	("4295687"   "4398252"   "4804237"   "4856850"   "5076114"   "5115162"   "5294190"   "5380072"   "5438516"   "5443306"   "5449362"   "5496096"   "5503468"   "5615930"   "5620236"   "5785393"   "5800025").PN.	USPAT	2004/05/06 13:31
-	34	3574414.URPN.	USPAT	2004/05/06 13:35
-	2368	(pressure or load or force) with sensor with pedal near3 brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 12:58
-	19	((pressure or load or force) with sensor with pedal near3 brak\$4 ) and 303/7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:48
-	8	(US-6068352-\$ or US-6050649-\$ or US-5549364-\$ or US-4380002-\$ or US-3882442-\$ or US-3823985-\$ or US-5217280-\$ or US-3838888-\$).did.	USPAT	2004/05/06 13:46
-	135	(pressure or load or force) with sensor with pedal near3 brak\$4 with (sensitive or responsive)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:48
-	12	((pressure or load or force) with sensor with pedal near3 brak\$4 ) and 74/510-514.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:49
-	122	((pressure or load or force) with sensor with pedal near3 brak\$4 ) and (tractor ot trailer or towing or towed)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:54
-	102	((pressure or load or force) with sensor with pedal near3 brak\$4 ) and (tractor or trailer or towing or towed)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:54
-	33	(pressure or load or force) with sensor with pedal with brak\$4 with (tractor or trailer or towing or towed)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:54

-	1	"20030085078"	USPAT;	2004/05/08 09:14
-	296	188/112\$.ccls.	US-PGPUB	
-	558	disconnect\$ same (maximum or full) same brak\$4	USOCR	2004/05/08 09:22
-			USPAT;	2004/05/08 09:24
-	3621	disconnect\$ same (maximum or full) same brak\$4	US-PGPUB	
-	12	(disconnect\$ same (maximum or full) same brak\$4) and 188/112\$.ccls.	USOCR	2004/05/08 09:25
-			USOCR	2004/05/08 09:24
-	2	(disconnect\$ same (maximum or full) same brak\$4) and 188/112\$.ccls.	USPAT;	2004/05/08 09:24
-	37331	(maximum or full) same brak\$4	US-PGPUB	
-	22825	(maximum or full) same brak\$4	USOCR	2004/05/08 09:25
-			USPAT;	2004/05/08 09:30
-	69	( (maximum or full) same brak\$4) and 188/112\$.ccls.	US-PGPUB	
-			USPAT;	2004/05/08 09:26
-	3993	(maximum or full) near3 braking	US-PGPUB	
-			USPAT;	2004/05/08 09:30
-	109	( (maximum or full) near3 braking) and 303/7.ccls.	US-PGPUB	
-			USPAT;	2004/05/08 09:33
-	30	( (maximum or full) near3 braking) and 188/3h,3r.ccls.	US-PGPUB	
-			USPAT;	2004/05/08 09:34
-	477	188/112\$.ccls.	US-PGPUB	
-			USPAT;	2004/05/08 09:37
-	5	(trailer or towed) same (full or maximum) same brak\$4 same time same duration	US-PGPUB	
-			USPAT;	2004/05/08 09:39
-	31	(trailer or towed) same brak\$4 same time same duration	US-PGPUB	
-			USPAT;	2004/05/08 09:40
-	991	(trailer or towed) same brak\$4 same time	US-PGPUB	
-			USPAT;	2004/05/08 09:41
-	403	(trailer or towed) with brak\$4 with time	US-PGPUB	
-			USPAT;	2004/05/08 09:41
-	167	(trailer or towed) with braking with time	US-PGPUB	
-			USPAT;	2004/05/08 09:41
-	125	(trailer or towed) with braking with time and (303/\$.ccls. or 188/\$.ccls.)	US-PGPUB	
-			USPAT;	2004/05/08 09:45
-	4	(trailer or towed) with braking with time with sway and (303/\$.ccls. or 188/\$.ccls.)	US-PGPUB	
-			USPAT;	2004/05/08 09:56
-	13	4254998.URPN.	US-PGPUB	
-	95	(trailer or towed) with brak\$4 with (disconnect\$4 or separated) with (tractor or towed or coupler or coupling) and (303/\$.ccls. or 188/\$.ccls.)	USPAT	2004/05/08 09:51
-			USPAT;	2004/05/08 11:33
-	30	("2856036"   "2870876"   "3053348"   "3486799"   "3738710"   "3810521"   "3861489"   "3897979"   "3907071"   "3908782"   "3909075"   "3951464"   "3955652"   "4052695"   "4066996"   "4072362"   "4196936"   "4222614"   "4721344"   "4726627"   "4762627"   "4984852"   "5005130"   "5954164"   "6012780"   "6068352"   "6126246"   "6367588"   "6349558"   "6394558").PN.	USPAT	2004/05/08 10:00
-	1	6499814.URPN.	USPAT	2004/05/08 10:01
-	4	(("4072362") or ("4721344") or ("4033630") or ("4524311")).PN.	USPAT;	2004/05/08 10:25
-			US-PGPUB	
-	2	(trailer or towed) with brak\$4 with (disconnect\$4 or separated) with (tractor or towed or coupler or coupling) with power near3 disconnect\$4	USPAT;	2004/05/08 10:32
-			US-PGPUB	
-	5	(trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same power near3 disconnect\$4	USPAT;	2004/05/08 10:33
-			US-PGPUB	
-	57	(trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same power	USPAT;	2004/05/08 12:10
-			US-PGPUB	
-	5	(trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same power	EPO; JPO;	2004/05/08 12:07
-			DERWENT	
-	15	(trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same circuit	EPO; JPO;	2004/05/08 11:34
-			DERWENT	
-	1	1982-F3963E.NRAN.	DERWENT	2004/05/08 11:32
-	22	(trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same components!	USPAT;	2004/05/08 12:08
-			US-PGPUB;	
-			EPO; JPO;	
-			DERWENT	

-	57	(trailer or towed) same brak\$4 same (disconnect\$4 or separated)	USPAT;	2004/05/08 11:34
-	43	same (tractor or towed or coupler or coupling) same power	US-PGPUB	
-	5	(trailer or towed) same brak\$4 same (disconnect\$4 or separated)	USPAT;	2004/05/08 12:21
-	104	same (tractor or towed or coupler or coupling) same circuit	US-PGPUB	
-	56	("3774975"   "5031729"   "5411321"   "5431253"   "5678664").PN.	USPAT	2004/05/08 11:39
-	253	(trailer or towed) same brak\$4 same (disconnect\$4 or separated)	USOCR	2004/05/08 12:01
-	117	same (tractor or towed or coupler or coupling) same circuit		
-	40	((trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same circuit and (303/\$.ccls. or 188/\$.ccls.)	USOCR	2004/05/08 12:07
-	15	(trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same power	USOCR	2004/05/08 12:07
-	2	((trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same power) and (303/\$.ccls. or 188/\$.ccls.)	USOCR	2004/05/08 12:08
-	14	(trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same components!	USOCR	2004/05/08 12:08
-	2	((trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same components!) and (303/\$.ccls. or 188/\$.ccls.)	USOCR	2004/05/08 12:09
-	2	(trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same (bypass or circumvent)	USPAT;	2004/05/08 12:10
-	14	same (tractor or towed or coupler or coupling) same (bypass or circumvent)	US-PGPUB	
-	2	(trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same (bypass or circumvent)	USOCR	2004/05/08 12:16
-	56	(trailer or towed) same brak\$4 same (disconnect\$4 or separated) same (tractor or towed or coupler or coupling) same circuit and (188/\$.ccls. or 303/\$.ccls.)	USPAT;	2004/05/08 12:17
-	1	(trailer or towed) same brak\$4 same disconnect\$4 near5 (separation or separated) same (tractor or towed or coupler or coupling) same circuit and (188/\$.ccls. or 303/\$.ccls.)	US-PGPUB;	
-	0	(trailer or towed) same brak\$4 same disconnect\$4 near5 (separation or separated) same (tractor or towed or coupler or coupling) same disable	EPO; JPO;	
-	0	(trailer or towed) same brak\$4 same disconnect\$4 near5 (separation or separated) same (tractor or towed or coupler or coupling) same disable	DERWENT	
-	0	(trailer or towed) same brak\$4 same disconnect\$4 near5 (separation or separated) same (tractor or towed or coupler or coupling) same disable	USOCR	2004/05/08 12:22
-	3	(trailer or towed) same brak\$4 same (disconnect\$4 or separation or separated) same (tractor or towed or coupler or coupling) same disable	USOCR	2004/05/08 12:23
-	83	(trailer or towed) same brak\$4 same (ecu or cpu)	USOCR	2004/05/08 12:23
-	5	((("5810107") or ("5709435") or ("5626402") or ("5620236") or ("5503468"))).PN.	USPAT;	2004/05/08 12:23
-	0	("(brakeorbraking)near3(treadleorpedal)samepiezo\$7").PN.	US-PGPUB;	
-	34	(brake or braking) near3 (treadle or pedal) same piezo\$7	EPO; JPO;	
-	5	("3501742"   "3659260"   "4712098"   "4901055"   "4916431").PN.	DERWENT	
-			USPAT;	2004/05/08 12:33
-			US-PGPUB;	2004/05/08 12:36
-			EPO; JPO;	
-			DERWENT	
-			USPAT;	2004/05/08 12:49
-			US-PGPUB;	
-			EPO; JPO;	
-			DERWENT	
-			USPAT	2004/05/08 12:39

-	64	(treadle or pedal) same piezo\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 12:42
-	30	((treadle or pedal) same piezo\$7) not ((brake or braking) near3 (treadle or pedal) same piezo\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 12:43
-	0	(brake or braking) same (treadle or pedal) same piezo\$7	USOCR	2004/05/08 12:50
-	56	(brake or braking) with (foot or footoperated or actuator) same piezo\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 12:55
-	9	5387898.URPN.	USPAT	2004/05/08 12:52
-	5	(brake or braking) with (foot or footoperated or actuator) same piezoceramic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 12:55
-	3	(pressure or load or force) with sensor with pedal near3 brak\$4 same piez\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 13:00
-	0	(pressure or load or force) with sensor with pedal near3 brak\$4 same crystal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 13:00
-	2	(pedal or treadle) same laminat\$6 same piezo\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 13:11
-	1	2001-112403.NRAN.	DERWENT	2004/05/08 13:03
-	31	(pedal or treadle) with piezo\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 13:20
-	953	laminat\$5 with piezo\$7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 13:20
-	6	laminat\$5 with piezo\$7 with (projections! or protrusions!)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 13:24
-	6	laminat\$5 with piezo\$7 with (brak\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 13:23
-	166	piezo\$7 with (projections! or protrusions!)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 13:24
-	3	piezo\$7 with (projections! or protrusions!) with wires	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/08 13:25
-	37	piezo\$7 with (projections! or protrusions!) with plate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/10 08:42